

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/050022

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L21/20 C30B25/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L C30B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A A	EP 1 363 318 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 19 November 2003 (2003-11-19) paragraphs '0035! - '0042!; figure 4 & WO 03/054937 A1 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD; FURUYA, HIROYUKI; YOKOGAWA, T) 3 July 2003 (2003-07-03)	1-17
P,A A	EP 1 367 150 A (TOYODA GOSEI CO., LTD) 3 December 2003 (2003-12-03) paragraphs '0226! - '0228!; figures 3,4 & WO 02/064864 A1 22 August 2002 (2002-08-22)	1-17
A	US 2003/183827 A1 (KAWAGUCHI YASUTOSHI ET AL) 2 October 2003 (2003-10-02) paragraph '0108! - paragraph '0120!; figures 5,6	1-17
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

26 January 2005

Date of mailing of the international search report

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Wolff, G

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2003/139037 A1 (KOBAYASHI TOSHIMASA ET AL) 24 July 2003 (2003-07-24) paragraph '0130! - paragraph '0140!; figures 7,8</p> <p>-----</p>	1-17

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/050022

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1363318	A	19-11-2003	EP 1363318 A1	19-11-2003
			US 2004087051 A1	06-05-2004
			WO 03054937 A1	03-07-2003
WO 03054937	A1	03-07-2003	EP 1363318 A1	19-11-2003
			US 2004087051 A1	06-05-2004
EP 1367150	A	03-12-2003	JP 2002241192 A	28-08-2002
			JP 2002293698 A	09-10-2002
			EP 1367150 A1	03-12-2003
			US 2004123796 A1	01-07-2004
			WO 02064864 A1	22-08-2002
			TW 575908 B	11-02-2004
			TW 522544 B	01-03-2003
			JP 2003163370 A	06-06-2003
			TW 544930 B	01-08-2003
WO 02064864	A1	22-08-2002	JP 2002241192 A	28-08-2002
			JP 2002293698 A	09-10-2002
			EP 1367150 A1	03-12-2003
			TW 575908 B	11-02-2004
			US 2004123796 A1	01-07-2004
			TW 522544 B	01-03-2003
			JP 2003163370 A	06-06-2003
			TW 544930 B	01-08-2003
US 2003183827	A1	02-10-2003	WO 02103812 A1	27-12-2002
			JP 3515974 B2	05-04-2004
			JP 2003069159 A	07-03-2003
			TW 544956 B	01-08-2003
US 2003139037	A1	24-07-2003	JP 2002289539 A	04-10-2002
			CN 1460284 T	03-12-2003
			WO 02078069 A1	03-10-2002
			TW 541717 B	11-07-2003